

Permit Number: EPR/PP3993VS

Operator: Atlantic Recycling

Facility: Atlantic Recycling

Form Number: Surfacewater1

Reporting of surface water monitoring for quarterly monitoring in May 2018

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	8.1	mg/l	TM022	22/05/2018 at 11:30	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
Outfall	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.2	mg/l	TM045	22/05/2018 at 11:30	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
Outfall	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.14	mg/l	TM099	22/05/2018 at 11:30	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
Outfall	Conductivity	>2000 µS/cm	Quarterly	0.678	mS/cm	TM120	22/05/2018 at 11:30	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
Outfall	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 11:30	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
								Sampling Immeasurable
Outfall	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.87	µg/l	TM152	22/05/2018 at 11:30	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
Outfall	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	140	µg/l	TM172	22/05/2018 at 11:30	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
Outfall	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	Sulphate	>300 mg/l	Quarterly	71.2	mg/l	TM184	22/05/2018 at 11:30	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Chloride	>300 mg/l	Quarterly	45.2	mg/l	TM184	22/05/2018 at 11:30	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
Outfall	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 11:30	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
Outfall	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	<0.05	mg/l	TM184	22/05/2018 at 11:30	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
Outfall	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 11:30	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
Outfall	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	7.87	mg/l	TM187	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Zinc (tot.unfilt)	>1 mg/l	Quarterly	8.97	µg/l	TM152	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	Calcium (tot.unfilt)	>300 mg/l	Quarterly	103	mg/l	TM152	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	pH	6.8 ñ 8.5	Quarterly	8.02	pH Units	TM256	22/05/2018 at 11:30	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
Outfall	GRO >C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:30	Lab: Unknown. Sampling: Immeasurable
SW04	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	9.3	mg/l	TM022	23/05/2018 at 09:00	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW04	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.72	mg/l	TM045	23/05/2018 at 09:00	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW04	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.268	mg/l	TM099	23/05/2018 at 09:00	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW04	Conductivity	>2000 µS/cm	Quarterly	0.587	mS/cm	TM120	23/05/2018 at 09:00	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW04	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	23/05/2018 at 09:00	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW04	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.742	µg/l	TM152	23/05/2018 at 09:00	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW04	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	23/05/2018 at 09:00	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW04	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW04	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	Sulphate	>300 mg/l	Quarterly	34.8	mg/l	TM184	23/05/2018 at 09:00	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW04	Chloride	>300 mg/l	Quarterly	35.5	mg/l	TM184	23/05/2018 at 09:00	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW04	Nitrite as N	>1 mg/l	Quarterly	0.0292	mg/l	TM184	23/05/2018 at 09:00	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW04	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.106	mg/l	TM184	23/05/2018 at 09:00	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW04	Nitrate as N	>1 mg/l	Quarterly	0.11	mg/l	TM184	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.139	mg/l	TM184	23/05/2018 at 09:00	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW04	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	7.82	mg/l	TM187	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	Zinc (tot.unfilt)	>1 mg/l	Quarterly	13.5	µg/l	TM152	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	Calcium (tot.unfilt)	>300 mg/l	Quarterly	95.5	mg/l	TM152	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW04	pH	6.8 ñ 8.5	Quarterly	7.95	pH Units	TM256	23/05/2018 at 09:00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW04	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW04	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW04	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	23/05/2018 at 09:00	Lab: Unknown. Sampling: Immeasurable
SW05	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	7.55		TM022	22/05/2018 at 10:40	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW05	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.28	mg/l	TM045	22/05/2018 at 10:40	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW05	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.102	mg/l	TM099	22/05/2018 at 10:40	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW05	Conductivity	>2000 µS/cm	Quarterly	0.601	mS/cm	TM120	22/05/2018 at 10:40	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW05	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 10:40	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW05	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.992	µg/l	TM152	22/05/2018 at 10:40	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW05	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:40	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW05	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW05	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	Sulphate	>300 mg/l	Quarterly	36.8	mg/l	TM184	22/05/2018 at 10:40	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW05	Chloride	>300 mg/l	Quarterly	36.8	mg/l	TM184	22/05/2018 at 10:40	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW05	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 10:40	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW05	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.096	mg/l	TM184	22/05/2018 at 10:40	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW05	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW05	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 10:40	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW05	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	5.72	mg/l	TM187	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<5	µg/l	TM191	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	Calcium (tot.unfilt)	>300 mg/l	Quarterly	85	mg/l	TM228	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	pH	6.8 ñ 8.5	Quarterly	7.82	pH Units	TM256	22/05/2018 at 10:40	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW05	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW05	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW05	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:40	Lab: Unknown. Sampling: Immeasurable
SW06	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	<2	mg/l	TM022	22/05/2018 at 10:50	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW06	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.08	mg/l	TM045	22/05/2018 at 10:50	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW06	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0777	mg/l	TM099	22/05/2018 at 10:50	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW06	Conductivity	>2000 µS/cm	Quarterly	0.601	mS/cm	TM120	22/05/2018 at 10:50	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW06	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 10:50	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW06	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.697	µg/l	TM152	22/05/2018 at 10:50	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW06	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:50	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW06	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW06	Sulphate	>300 mg/l	Quarterly	37.1	mg/l	TM184	22/05/2018 at 10:50	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW06	Chloride	>300 mg/l	Quarterly	36.8	mg/l	TM184	22/05/2018 at 10:50	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW06	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 10:50	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW06	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.092	mg/l	TM184	22/05/2018 at 10:50	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW06	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 10:50	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW06	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	5.59	mg/l	TM187	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<5	µg/l	TM191	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	Calcium (tot.unfilt)	>300 mg/l	Quarterly	86.8	mg/l	TM228	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	pH	6.8 ñ 8.5	Quarterly	8.04	pH Units	TM256	22/05/2018 at 10:50	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW06	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW06	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable
SW06	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:50	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW07	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	9.2	mg/l	TM022	22/05/2018 at 10:20	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW07	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.98	mg/l	TM045	22/05/2018 at 10:20	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW07	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.048	mg/l	TM099	22/05/2018 at 10:20	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW07	Conductivity	>2000 µS/cm	Quarterly	0.615	mS/cm	TM120	22/05/2018 at 10:20	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW07	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 10:20	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW07	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.14	µg/l	TM152	22/05/2018 at 10:20	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW07	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	126	µg/l	TM172	22/05/2018 at 10:20	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW07	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	Sulphate	>300 mg/l	Quarterly	38.1	mg/l	TM184	22/05/2018 at 10:20	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW07	Chloride	>300 mg/l	Quarterly	38.4	mg/l	TM184	22/05/2018 at 10:20	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW07	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 10:20	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW07	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	<0.05	mg/l	TM184	22/05/2018 at 10:20	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW07	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 10:20	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW07	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	8.03	mg/l	TM187	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW07	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<5	µg/l	TM191	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	Calcium (tot.unfilt)	>300 mg/l	Quarterly	82.8	mg/l	TM228	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	pH	6.8 ñ 8.5	Quarterly	8.04	pH Units	TM256	22/05/2018 at 10:20	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW07	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW07	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW07	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 10:20	Lab: Unknown. Sampling: Immeasurable
SW08	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive	Quarterly	<2	mg/l	TM022	22/05/2018 at 11:00	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		occasions)						
SW08	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.41	mg/l	TM045	22/05/2018 at 11:00	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW08	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0974	mg/l	TM099	22/05/2018 at 11:00	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW08	Conductivity	>2000 µS/cm	Quarterly	0.581	mS/cm	TM120	22/05/2018 at 11:00	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW08	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 11:00	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW08	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.751	µg/l	TM152	22/05/2018 at 11:00	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW08	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:00	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW08	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	Sulphate	>300 mg/l	Quarterly	36.1	mg/l	TM184	22/05/2018 at 11:00	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW08	Chloride	>300 mg/l	Quarterly	34.6	mg/l	TM184	22/05/2018 at 11:00	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW08	Nitrite as N	>1 mg/l	Quarterly	0.0155	mg/l	TM184	22/05/2018 at 11:00	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW08	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	<0.05	mg/l	TM184	22/05/2018 at 11:00	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW08	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 11:00	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW08	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	7.44	mg/l	TM187	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW08	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<5	µg/l	TM191	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	Calcium (tot.unfilt)	>300 mg/l	Quarterly	76.8	mg/l	TM228	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	pH	6.8 ñ 8.5	Quarterly	8.01	pH Units	TM256	22/05/2018 at 11:00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW08	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW08	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW08	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW09	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	7.95	mg/l	TM022	22/05/2018 at 11:45	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW09	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.48	mg/l	TM045	22/05/2018 at 11:45	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW09	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0485	mg/l	TM099	22/05/2018 at 11:45	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW09	Conductivity	>2000 µS/cm	Quarterly	0.635	mS/cm	TM120	22/05/2018 at 11:45	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW09	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 11:45	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW09	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.23	µg/l	TM152	22/05/2018 at 11:45	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW09	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:45	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW09	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	Sulphate	>300 mg/l	Quarterly	44.9	mg/l	TM184	22/05/2018 at 11:45	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW09	Chloride	>300 mg/l	Quarterly	40	mg/l	TM184	22/05/2018 at 11:45	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW09	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 11:45	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW09	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	<0.05	mg/l	TM184	22/05/2018 at 11:45	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW09	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 11:45	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW09	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	5.26	mg/l	TM187	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	Zinc (tot.unfilt)	>1 mg/l	Quarterly	6.63	µg/l	TM191	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW09	Calcium (tot.unfilt)	>300 mg/l	Quarterly	95.9	mg/l	TM228	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	pH	6.8 ñ 8.5	Quarterly	7.93	pH Units	TM256	22/05/2018 at 11:45	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW09	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW09	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW09	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 11:45	Lab: Unknown. Sampling: Immeasurable
SW10	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	22.3	mg/l	TM022	22/05/2018 at 12:20	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW10	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.25	mg/l	TM045	22/05/2018 at 12:20	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.586	mg/l	TM099	22/05/2018 at 12:20	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW10	Conductivity	>2000 µS/cm	Quarterly	0.716	mS/cm	TM120	22/05/2018 at 12:20	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW10	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 12:20	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW10	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.38	µg/l	TM152	22/05/2018 at 12:20	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW10	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	156	µg/l	TM172	22/05/2018 at 12:20	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW10	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	Sulphate	>300 mg/l	Quarterly	64.1	mg/l	TM184	22/05/2018 at 12:20	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW10	Chloride	>300 mg/l	Quarterly	49.9	mg/l	TM184	22/05/2018 at 12:20	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW10	Nitrite as N	>1 mg/l	Quarterly	0.0517	8 mg/l	TM184	22/05/2018 at 12:20	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW10	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	<0.05	5 mg/l	TM184	22/05/2018 at 12:20	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	Nitrate as N	>1 mg/l	Quarterly	0.212	mg/l	TM184	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.264	mg/l	TM184	22/05/2018 at 12:20	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW10	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	5.47	mg/l	TM187	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	Zinc (tot.unfilt)	>1 mg/l	Quarterly	12.2	µg/l	TM191	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	Calcium (tot.unfilt)	>300 mg/l	Quarterly	106	mg/l	TM228	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	pH	6.8 ñ 8.5	Quarterly	8.03	pH Units	TM256	22/05/2018 at 12:20	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW10	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW10	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:20	Lab: Unknown. Sampling: Immeasurable
SW11	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	85.6	mg/l	TM022	22/05/2018 at 12:30	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW11	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	116	mg/l	TM045	22/05/2018 at 12:30	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW11	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	19.8	mg/l	TM099	22/05/2018 at 12:30	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	Conductivity	>2000 µS/cm	Quarterly	1.4	mS/cm	TM120	22/05/2018 at 12:30	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW11	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.395	µg/l	TM152	22/05/2018 at 12:30	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW11	Nickel (diss.filt)	>0.1 mg/l	Quarterly	7.57	µg/l	TM152	22/05/2018 at 12:30	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW11	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	1820	µg/l	TM172	22/05/2018 at 12:30	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW11	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	442	µg/l	TM172	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	959	µg/l	TM172	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	415	µg/l	TM172	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	Sulphate	>300 mg/l	Quarterly	181	mg/l	TM184	22/05/2018 at 12:30	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW11	Chloride	>300 mg/l	Quarterly	174	mg/l	TM184	22/05/2018 at 12:30	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW11	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 12:30	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW11	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.411	mg/l	TM184	22/05/2018 at 12:30	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW11	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 12:30	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW11	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3	mg/l	TM187	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	Zinc (tot.unfilt)	>1 mg/l	Quarterly	79.3	µg/l	TM191	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	Calcium (tot.unfilt)	>300 mg/l	Quarterly	200	mg/l	TM228	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	pH	6.8 ñ 8.5	Quarterly	7.65	pH Units	TM256	22/05/2018 at 12:30	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW11	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	GRO >C5-C10	>2 mg/l	Quarterly	11	µg/l	TM245	22/05/2018 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW12	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	5.1	mg/l	TM022	22/05/2018 at 12:45	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW12	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.94	mg/l	TM045	22/05/2018 at 12:45	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW12	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	2.97	mg/l	TM099	22/05/2018 at 12:45	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW12	Conductivity	>2000 µS/cm	Quarterly	1.28	mS/cm	TM120	22/05/2018 at 12:45	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW12	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 12:45	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW12	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.19	µg/l	TM152	22/05/2018 at 12:45	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW12	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	106	µg/l	TM172	22/05/2018 at 12:45	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW12	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW12	Sulphate	>300 mg/l	Quarterly	42.7	mg/l	TM184	22/05/2018 at 12:45	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW12	Chloride	>300 mg/l	Quarterly	159	mg/l	TM184	22/05/2018 at 12:45	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW12	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 12:45	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW12	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	3.01	mg/l	TM184	22/05/2018 at 12:45	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW12	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 12:45	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW12	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	11.4	mg/l	TM187	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<5	µg/l	TM191	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	Calcium (tot.unfilt)	>300 mg/l	Quarterly	201	mg/l	TM228	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	pH	6.8 ñ 8.5	Quarterly	8.21	pH Units	TM256	22/05/2018 at 12:45	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW12	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW12	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW12	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 12:45	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	<2	mg/l	TM022	22/05/2018 at 13:00	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW13	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.28	mg/l	TM045	22/05/2018 at 13:00	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW13	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.81	mg/l	TM099	22/05/2018 at 13:00	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW13	Conductivity	>2000 µS/cm	Quarterly	1.12	mS/cm	TM120	22/05/2018 at 13:00	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW13	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.302	µg/l	TM152	22/05/2018 at 13:00	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.36	µg/l	TM152	22/05/2018 at 13:00	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW13	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	110	µg/l	TM172	22/05/2018 at 13:00	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW13	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	Sulphate	>300 mg/l	Quarterly	51	mg/l	TM184	22/05/2018 at 13:00	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	Chloride	>300 mg/l	Quarterly	89	mg/l	TM184	22/05/2018 at 13:00	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW13	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 13:00	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW13	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	3.64	mg/l	TM184	22/05/2018 at 13:00	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW13	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 13:00	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW13	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.77	mg/l	TM187	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	Zinc (tot.unfilt)	>1 mg/l	Quarterly	15.8	µg/l	TM191	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	Calcium (tot.unfilt)	>300 mg/l	Quarterly	184	mg/l	TM228	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	pH	6.8 ñ 8.5	Quarterly	8.1	pH Units	TM256	22/05/2018 at 13:00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW13	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW13	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW15	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive	Quarterly	38	mg/l	TM022	22/05/2018 at 13:50	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		occasions)						
SW15	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.67	mg/l	TM045	22/05/2018 at 13:50	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW15	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.179	mg/l	TM099	22/05/2018 at 13:50	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW15	Conductivity	>2000 µS/cm	Quarterly	1.35	mS/cm	TM120	22/05/2018 at 13:50	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW15	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 13:50	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW15	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.25	µg/l	TM152	22/05/2018 at 13:50	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW15	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 13:50	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW15	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	Sulphate	>300 mg/l	Quarterly	313	mg/l	TM184	22/05/2018 at 13:50	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW15	Chloride	>300 mg/l	Quarterly	113	mg/l	TM184	22/05/2018 at 13:50	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW15	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 13:50	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW15	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.063	mg/l	TM184	22/05/2018 at 13:50	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW15	Nitrate as N	>1 mg/l	Quarterly	0.0797	mg/l	TM184	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 13:50	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW15	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	4.76	mg/l	TM187	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW15	Zinc (tot.unfilt)	>1 mg/l	Quarterly	39.3	µg/l	TM191	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	Calcium (tot.unfilt)	>300 mg/l	Quarterly	239	mg/l	TM228	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	pH	6.8 ñ 8.5	Quarterly	7.95	pH Units	TM256	22/05/2018 at 13:50	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW15	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW15	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW15	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 13:50	Lab: Unknown. Sampling: Immeasurable
SW16	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	39.5	mg/l	TM022	22/05/2018 at 14:20	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW16	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.94	mg/l	TM045	22/05/2018 at 14:20	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW16	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0543	mg/l	TM099	22/05/2018 at 14:20	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW16	Conductivity	>2000 µS/cm	Quarterly	1.36	mS/cm	TM120	22/05/2018 at 14:20	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW16	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 14:20	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW16	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.9	µg/l	TM152	22/05/2018 at 14:20	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW16	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 14:20	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW16	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	Sulphate	>300 mg/l	Quarterly	318	mg/l	TM184	22/05/2018 at 14:20	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW16	Chloride	>300 mg/l	Quarterly	115	mg/l	TM184	22/05/2018 at 14:20	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW16	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 14:20	Lab: precision 0.8%, Bias - 2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW16	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.113	mg/l	TM184	22/05/2018 at 14:20	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW16	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 14:20	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW16	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	7.97	mg/l	TM187	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	Zinc (tot.unfilt)	>1 mg/l	Quarterly	12.8	µg/l	TM191	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW16	Calcium (tot.unfilt)	>300 mg/l	Quarterly	232	mg/l	TM228	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	pH	6.8 ñ 8.5	Quarterly	8	pH Units	TM256	22/05/2018 at 14:20	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW16	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW16	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW16	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:20	Lab: Unknown. Sampling: Immeasurable
SW17	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	20.4	mg/l	TM022	22/05/2018 at 14:40	Lab: precision 0.8%, Bias - 1.2%, Expanded Uncertainty 2.8%. Sampling Immeasurable
SW17	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.81	mg/l	TM045	22/05/2018 at 14:40	Lab: precision 3.8%, Bias - 0.4%, Expanded Uncertainty 8.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.122	mg/l	TM099	22/05/2018 at 14:40	Lab: precision 1.1%, Bias - 0.6%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW17	Conductivity	>2000 µS/cm	Quarterly	0.996	mS/cm	TM120	22/05/2018 at 14:40	Lab: precision 0.7%, Bias 3.2%, Expanded Uncertainty 4.6%. Sampling Immeasurable
SW17	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	22/05/2018 at 14:40	Lab: precision 5.1%, Bias 2.4%, Expanded Uncertainty 12.6%. Sampling Immeasurable
SW17	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.58	µg/l	TM152	22/05/2018 at 14:40	Lab: precision 3.7%, Bias - 0.6%, Expanded Uncertainty 8.1%. Sampling Immeasurable
SW17	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 14:40	Lab: precision 5.6%, Bias - 2.4%, Expanded Uncertainty 13.6%. Sampling Immeasurable
SW17	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	Sulphate	>300 mg/l	Quarterly	154	mg/l	TM184	22/05/2018 at 14:40	Lab: precision 2.7%, Bias 1.8%, Expanded Uncertainty 7.2%. Sampling Immeasurable
SW17	Chloride	>300 mg/l	Quarterly	77.6	mg/l	TM184	22/05/2018 at 14:40	Lab: precision 3.1%, Bias 3.9%, Expanded Uncertainty 10%. Sampling Immeasurable
SW17	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	22/05/2018 at 14:40	Lab: precision 0.8%, Bias -2.5%, Expanded Uncertainty 4.1%. Sampling Immeasurable
SW17	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.394	mg/l	TM184	22/05/2018 at 14:40	Lab: precision 1.1%, Bias 2.1%, Expanded Uncertainty 4.4%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	22/05/2018 at 14:40	Lab: precision 2.3%, Bias 4.3%, Expanded Uncertainty 8.9%. Sampling Immeasurable
SW17	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	6.51	mg/l	TM187	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	Zinc (tot.unfilt)	>1 mg/l	Quarterly	10.7	µg/l	TM191	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	Calcium (tot.unfilt)	>300 mg/l	Quarterly	157	mg/l	TM228	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	pH	6.8 ñ 8.5	Quarterly	8.07	pH Units	TM256	22/05/2018 at 14:40	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW17	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable
SW17	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	22/05/2018 at 14:40	Lab: Unknown. Sampling: Immeasurable

- [1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum - maximum' measured values.
- [2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- [4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.



Signed

Date: June 2018

(Authorised to sign as representative of Operator)

Ahlim Hashm on behalf of Atlantic Recycling
Permit Number: EPR/PP3993VS